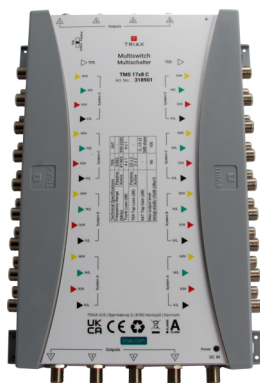


TMS 17x8 C

Art. Number 318901



Cascade multiswitch for 4 Satellite positions with 17 inputs and 17 trunk outputs, suitable for distributing satellite and terrestrial signals in small to large sized systems. Available with 8 subscriber outputs and powered by the TMS PSU external power supply either directly or via the SAT trunk lines.

**Dependability guaranteed:** a 6-year warranty is our guarantee that TRIAX's core values of reliability and innovation are the foundation of our new multiswitches.

The TMS 17x8 C offers excellent performance and flexibility, with a compact design for installations even in confined spaces.

#### Excellent performance

- Low insertion loss
- High isolation
- Low power consumption
- RED compliant
- ESD Protection

#### Flexibility

All the functionality you need in a simplified, streamlined range:

- Easier to select the right product
- Fewer products to stock
- Active/Passive Terrestrial Switch

#### Convenience

Designed with installer convenience in mind:

- Equidistant F-connectors on all multiswitches
- Colour-coded input labels
- LED power indicator
- Flexible power injection



## Technical Specifications

### ORDER INFORMATION

EAN Number 5702663189010

### CHARACTERISTICS

LNB type	Quattro
Max. input level - SAT (IMD3 - 35dB)   dB $\mu$ V	97 dB $\mu$ V
Max. input level - TER (IMD3 - 60dB)   dB $\mu$ V	90 dB $\mu$ V
Max. output level SAT @ -35 dB IMD3   dB $\mu$ V	100 dB $\mu$ V
Max. output level TER @ -60dB IMD3   dB $\mu$ V	90 dB $\mu$ V
LNB current max.   mA	3000 mA
Switch commands	DiSEqC 1.0/2.0, 13/18V, 0/22kHz

### FREQUENCY RANGE

Frequency range TER   MHz	Active: 47...862 / Passive: 5...862 MHz
Frequency range SAT   MHz	950...2200 MHz

### GAIN

Gain - SAT (with 5 dB slope)   dB	-2...+3 $\pm$ 2 dB
Gain - TER   dB	2 $\pm$ 2 dB

### LOSS

Tap loss TER   dB	23 $\pm$ 2 dB
Insertion loss - trunkline SAT   dB	4 $\pm$ 1 dB
Insertion loss - trunkline TER   dB	4 $\pm$ 1 dB

### ISOLATION

Isolation SAT to TER   dB	> 30 dB
Isolation trunk to trunk   dB	> 30 dB
Isolation cross polarisation H/V   dB	30 dB
Isolation out-out SAT   dB	30 dB
Isolation out-out TER   dB	25 dB

### RETURN LOSS

Return loss SAT inputs   dB	>10 dB
Return loss SAT outputs   dB	>10 dB
Return loss TER inputs   dB	>10 dB
Return loss TER outputs   dB	>10 dB
Return loss TAP outputs   dB	10 dB

### ELECTRICAL

Impedance |  $\Omega$  75  $\Omega$

### OPERATIONAL

LINE power DC voltage (max.)   VDC	15...20 VDC
LINE power current (max.)   mA	2000 mA
PSU output DC voltage   VDC	18 VDC
ESD protection	4KV inputs & sub outputs



## Technical Specifications

DC Current consumption   mA	30mA TER passive mA 150mA TER active
PSU/adapter Art number	318162, 18163, 318164
Max. current to each output (supplied by set top)	<50 mA
Control LEDs	Green LED (Power)
Temperature - operating   °C	-20...+55 °C

## CONNECTORS

Connector Type	F-female
Connector DC	F-female
Number of trunk inputs	16 SAT, 1 TER
Number of trunk outputs	16 SAT, 1 TER
Subscriber outputs	8
Colorcoding @IF/TER inputs	VL=Black, VH=Red, HL=Green, HH=Yellow, White=TER

## MECHANICAL

Main material	Steel housing
Dimensions product (H x D x W)   mm	180x255x65 mm
Packing QTY	1
Product Height   mm	175 mm
Product Width   mm	255 mm
Product Depth   mm	65 mm
Packaging Height   m	0.070 m
Packaging Width   m	0.280 m
Packaging Depth   m	0.182 m
Packaging Volume   m <sup>3</sup>	0.000 m <sup>3</sup>
Net Weight   kg	0.978 kg
Tara Weight   kg	0.151 kg
Total Weight   kg	1.129 kg